

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

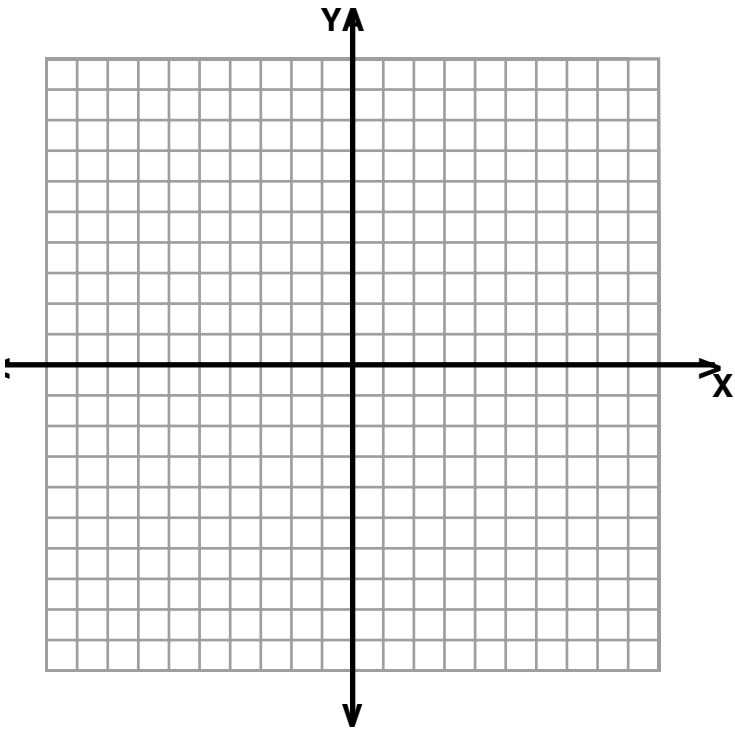
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**Standard Form Quiz**

Find the x- and y-intercepts. Then graph each equation using the intercepts. (3 points each)

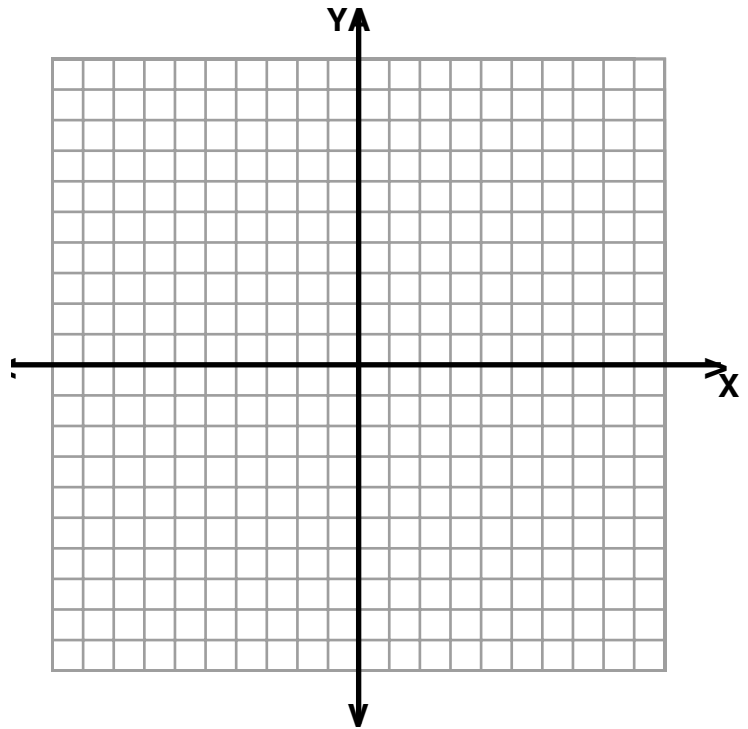
$$5x + 2y = 10$$

x-int: \_\_\_\_\_ y-int: \_\_\_\_\_



$$x + 3y = -6$$

x-int: \_\_\_\_\_ y-int: \_\_\_\_\_



Write each equation in standard form using only integers. (2 points each)

$$y = \frac{3}{5}x + 7$$

$$y = -\frac{1}{3}x + 2$$

$$y = 4x - 7$$

A tire dealer sells Supreme tires for \$48 each and Prestige tires for \$56 each. During one week the sales for both tires \$2016.

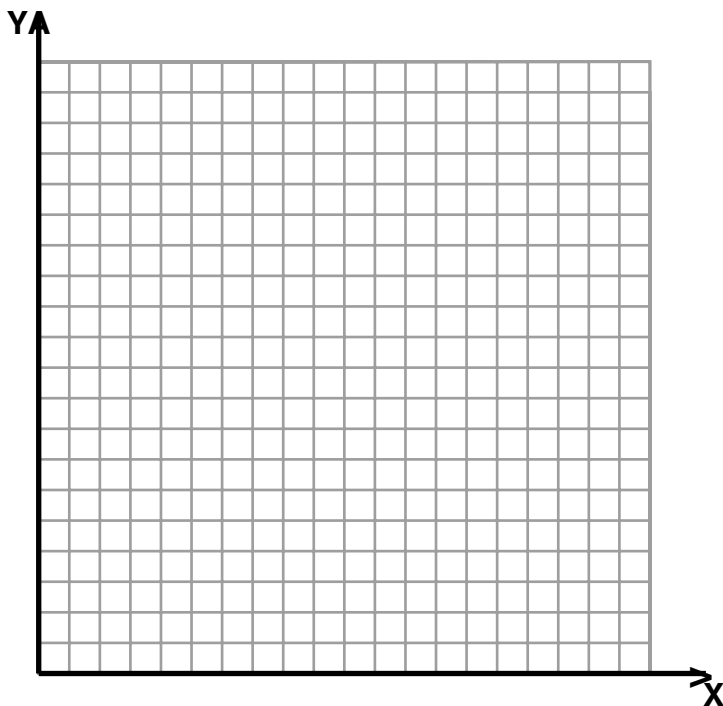
Write an equation to determine the number of tires sold. (5 points)

Let  $x =$  \_\_\_\_\_ Let  $y =$  \_\_\_\_\_

Equation: \_\_\_\_\_

x-int: \_\_\_\_\_ y-int: \_\_\_\_\_

Graph your equation. (2 points)



a. Use your graph to list one possible combination. (1 point)